

PRODUCTION OF 2-NITROIMINOIMIDAZOLIDINES

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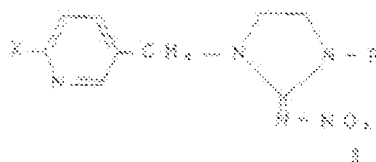
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Abstract of JP 2207083 (A)

PURPOSE: To readily obtain the subject compound in high yield and purity by reacting a specific compound with an alkylating agent in an inert solvent in the presence of a base and phase-transfer catalyst. CONSTITUTION: A compound expressed by formula I (X represents halogen or alkyl) is reacted with an alkylating agent expressed by the formula R-M [R represents alkyl, alkenyl, alkynyl, haloalkyl, haloalkenyl, haloalkynyl, alkylthioalkyl, aralkyl or methyl bound with aromatic heterocyclic group; M represents halogen or -OSO₂T (T represents methyl, methoxy, phenyl or p-tolyl)] in the presence of a base (example; sodium hydroxide) and a phase transfer catalyst (example; triethylbenzylammonium chloride) in an inert solvent to afford the objective compound expressed by formula II.



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